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**References**—Should conform to the following order: name of author, title of article, name of periodical, with volume, inclusive pages, month and year—i.e.: Lee GS: The heart rhythm following therapy with digitalis—In theory and practice. Arch Int Med 44:554-562, Dec 1942. They should be listed in the order in which they are cited in the text, numbered in sequence and punctuated as above.

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# BOOKS RECEIVED

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

**THE NORMAL LUNG**—The Basis for Diagnosis and Treatment of Pulmonary Disease—John F. Murray, MD, Professor of Medicine and Member of the Senior Staff of the Cardiovascular Research Institute, University of California, San Francisco; Chief of Chest Division of the Medical Service, San Francisco General Hospital. W. B. Saunders Company, West Washington Square, Philadelphia (19105), 1976. 334 pages, \$14.50.

**A PATTERN OF HERBS**—Herbs for Goodness, Food and Health and How to Identify and Grow Them. Written and illustrated by Meg Rutherford. Dolphin Books, Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1976. 157 pages, \$2.95 (Paperback).

**PERINATAL MEDICINE**—4th European Congress of Perinatal Medicine. Edited by Z. K. Stembera, K. Poláček and V. Sabata; Co-editors: P. M. Dunn, H.F.R. Prechtl and E. Saling. Publishing Sciences Group Inc., 162 Great Rd., Acton, MA (01720), 1976. 556 pages, \$25.00.

**PLAGUES AND PEOPLE**—William H. McNeill, Professor of History, University of Chicago, Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1976. 369 pages, \$10.00.

**THE PRETERM BABY** and other Babies with Low Birth Weight—Eighth Edition—The late V. Mary Cross, OBE, MD(Lond), DPH, MMSA, DObstet, RCOG, Formerly Honorary Consultant Paediatrician, East Birmingham General Hospital, Solihull Hospital, Sorrento Maternity Hospital, Marston Green Maternity Hospital; Member of Expert Advisory Panel on Maternal and Child Health, World Health Organization, 1950-70. Revised by Eileen Elise Hill, MD, FRCP, DCH, Consultant Paediatrician, East Birmingham Hospital & Marston Green Maternity Hospital. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1975. 296 pages, \$14.50.

**PRINCIPLES OF CLINICAL ELECTROCARDIOGRAPHY**—Ninth Edition—Mervin J. Goldman, MD, Clinical Professor of Medicine, University of California, San Francisco. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1976. 412 pages, \$9.50.

**PROGRESS IN HEMOSTASIS AND THROMBOSIS**—Volume 3—Edited by Theodore H. Spaet, MD, Head, Hematology Division, Montefiore Hospital and Medical Center, Professor of Medicine, Albert Einstein College of Medicine, Bronx. Grune & Stratton, Inc., Medical and Scientific Publishers, 111 Fifth Avenue, New York City (10003), 1976. 342 pages, \$31.50.

**REALITIES OF NUTRITION**—Ronald M. Deutsch. Bull Publishing Co., P.O. Box 208, Palo Alto, CA (94302), 1976. 405 pages, \$9.95.

**RECENT ADVANCES IN ANAESTHESIA AND ANALGESIA**—Number Twelve—Edited by C. Langton Hewer, MB, BS(Lond), MRCP(Lond), Hon FFARCS(Eng), Consulting Anaesthetist to St. Bartholomew's Hospital and to the Hospital for Tropical Diseases, London; and R. S. Atkinson, MA, MB, BChir, FFARCS, Consultant Anaesthetist, Southend General Hospital, Essex. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1976. 268 pages, \$29.50.

**RECENT ADVANCES IN CLINICAL PSYCHIATRY**—Number Two—Edited by Kenneth Granville-Grossman, MD(Lond), FRCP, FRCPsych, Consultant Psychiatrist, St. Mary's Hospital, London. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1976. 358 pages, \$38.00.

**RECENT ADVANCES IN RHEUMATOLOGY**—Part 1: Underlying Mechanisms of Disease—Part 2: Clinical Features and Treatment—Edited by W. Watson Buchanan, MD, FRCP, Professor of Medicine, Centre for Rheumatic Diseases and University Department of Medicine, Royal Infirmary, Glasgow; and W. Carson Dick, MD, MRCP, Honorary Clinical Lecturer, Department of Medicine, University of Glasgow, Consultant Physician, Centre for Rheumatic Diseases and University Department of Medicine, Royal Infirmary, Glasgow. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1976. Part 1: 214 pages, \$24.50; Part 2: 218 pages, \$24.50.

**RECENT ADVANCES IN UROLOGY**—Number Two—Edited by W. F. Hendry, ChM, FRCS, Consultant Urologist, St. Bartholomew's Hospital, Royal Marsden Hospital and Chelsea Hospital for Women; Senior Lecturer, Institute of Urology, London. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1976. 353 pages, \$32.50.

**REVIEW OF MEDICAL MICROBIOLOGY**—Twelfth Edition—Ernest Jawetz, PhD, MD, Professor of Microbiology and Chairman, Department of Microbiology, Professor of Medicine, Lecturer in Pediatrics, University of California School of Medicine, San Francisco; Joseph L. Melnick, PhD, Distinguished Service Professor of Virology and Epidemiology, Baylor College of Medicine, Houston; Edward A. Adelberg, PhD, Professor of Human Genetics, Yale University School of Medicine, New Haven. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1976. 542 pages, \$10.00.

**SO GET ON WITH IT**—A Celebration of Wheelchair Sports—Marilee Weisman & Jan Godfrey. Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1976. 159 pages, \$8.95.



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**REVIEW OF MEDICAL PHARMACOLOGY**—Fifth Edition—Frederick H. Meyers, MD, Professor of Pharmacology; Ernest Jawetz, PhD, MD, Professor and Chairman, Department of Microbiology, Professor of Medicine and Lecturer in Pediatrics; and Alan Goldfien, MD, Professor of Medicine, Departments of Medicine and Obstetrics & Gynecology and Cardiovascular Research Institute, University of California, San Francisco. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1976. 740 pages, \$12.50.

**SOLVED: THE RIDDLE OF HEART ATTACKS**—Broda O. Barnes, MD, PhD, and Charlotte W. Barnes, AM. Robinson Press, Inc., Fort Collins, CO (80522), 1976. 84 pages, \$2.50 (Paperback).

**STANDARD ORTHOPAEDIC OPERATIONS**—A Guide for the Junior Surgeon—John Crawford Adams, MD(Lond), MS(Lond), FRCS(Eng), Consultant Orthopaedic Surgeon, St. Mary's Hospital, London; Civil Consultant in Orthopaedic Surgery, Royal Air Force; Production Editor, *Journal of Bone and Joint Surgery*. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1976. 384 pages, \$29.50.

**TETRAPLEGIA AND PARAPLEGIA**—A Guide for Physiotherapists—Ide Bromley, MCSP, Superintendent Physiotherapist, Stoke Mandeville Hospital, Aylesbury; illustrated by Janet Plested, AIPP, AMPA; Foreword by Sir Ludwig Guttmann, CBE, MD, FRCP, FRCS. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th Street, New York City (10036), 1976. 242 pages, \$13.50.

**TEXTBOOK OF PAEDIATRIC NUTRITION**—Edited by Donald S. McLaren, MD(Ed), PhD(Lond), DTM & H(Eng), Professor of Clinical Nutrition and Director of the Nutrition Research Program, the School of Medicine and American University Hospital, American University of Beirut; and David Burman, BSc, MD, FRCP, DCH, Consultant Paediatrician, Bristol Royal Hospital for Sick Children, St. Michael's Hill, Bristol, Clinical Lecturer in Child Health, University of Bristol. Churchill Livingstone Medical Division, 19 West 44th St., New York City (10036), 1976. 416 pages, \$35.00.

**TRAUMATIC NERVE LESIONS OF THE UPPER LIMB**—Edited by J. Michon and E. Moberg. Monographs of the Group d'Etude de la Main Series edited by R. Tubiana. Churchill Livingstone Medical Division of Longman, Inc., 19 West 44th Street, New York City (10036), 1976. 110 pages, \$29.50.

**TROPICAL DISEASE**—Fifth Edition—Frederick J. Wright, MD(Cantab), FRCP(Edin), FRCP(Lond), DTM, HEng, Head of Medical Department, Kilimanjaro Christian Medical Center, Moshi, Tanzania; and Sir James Baird, KBE, MD, FRCP(Edin), FRCP(Lond), Lieutenant-General, late RAMC Director-General of Army Medical Services; Formerly Professor of Military Medicine of the Royal Army Medical College and the Royal College of Physicians, London. Supplement to **DAVIDSON'S PRINCIPLE AND PRACTICE OF MEDICINE**—Eleventh Edition—Edited by John Macleod. Churchill Livingstone Medical Division, Longman, Inc., 19 West 44th St., New York City (10036), 1975. 147 pages, \$8.50.

**THE WILMER OPHTHALMOLOGICAL INSTITUTE**—The First Fifty Years 1925-1975—M. Elliott Randolph, MD, Associate Professor Emeritus of Ophthalmology, the Johns Hopkins University; and Robert B. Welch, MD, Associate Professor of Ophthalmology, the Johns Hopkins University. The Williams & Wilkins Company, 428 E. Preston St., Baltimore (21202), 1976. 216 pages, \$12.00.

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### CANCER

- March 16-19—**Modern Concepts in Oncology—5th Annual Seminar.** UCLA at Beverly Hilton Hotel, Beverly Hills. Wednesday-Saturday.
- March 19—**Cancer Screening and Cancer Control.** UCSF at Childrens Hospital, San Francisco. Saturday.
- March 25—**Cancer of the Ovary.** California Hospital Medical Center, Los Angeles. Friday. Contact: Kenneth L. Senter, MD, Dir., Med. Ed., CHMC, 1414 S. Hope St., Los Angeles 90015. (213) 748-2411.
- March 26—**Tumor Immunology, Clinical Applications.** San Francisco Regional Tumor Foundation at Fireman Fund Building, San Francisco. Saturday. Contact: Norma Schlager, PhD, S.F. Regional Tumor Foundation, 14th and Lake, San Francisco 94118. (415) 221-2132.
- April 22-23—**Medical and Surgical Treatment of Gastrointestinal Cancer.** Scripps Clinic Medical Institutions, La Jolla. Friday-Saturday. \$50. Contact: Williamson B. Strum, MD, Scripps Clinic Med. Institutions, 10666 N. Torrey Pines Rd., La Jolla 92037.
- May 14-15—**Skin Cancer.** UCSF. Saturday-Sunday.
- May 21-22—**Management of Cancer—3rd Annual Workshop.** Institute for Cancer and Blood Research and Century City Hospital Radiation Therapy Center at Riviera Country Club, Pacific Palisades. Saturday-Sunday. 16 hrs. Contact: Howard R. Bierman, MD, Sci. Dir., Institute for Cancer and Blood Research, 140 N. Robertson Blvd., Beverly Hills 90211. (213) 655-4706.
- June 20-24—**Head and Neck Oncology.** UCLA. Monday-Friday.

### MEDICINE

- March 15-16—**American College of Physicians—Hawaii Regional Meeting.** Pacific Club, Honolulu. Tuesday-Wednesday. Contact: Bernard W. D. Fong, MD, 97 Dowsett Ave., Honolulu 96817.
- March 17-19—**Cardiovascular Disease—1977: Practical Diagnosis and Management.** American College of Cardiology at Hotel del Coronado, Coronado. Thursday-Saturday. Contact: Mary Anne McInerney, Dir., Dept. of Cont. Ed. Prog., ACC, 9650 Rockville Pike, Bethesda, Md. 20014.
- March 18—**Practical Approach to Coagulation.** PMC. Friday.
- March 21-25—**Cardiac Electrophysiology.** USC at Erawan Garden Hotel, Palm Springs. Monday-Friday.
- March 21-25—**Recent Advances in Endocrinology and Metabolism.** UCSF at Sheraton Palace, San Francisco. Monday-Friday.
- March 21-April 1—**Intensive Review of Internal Medicine.** USC. Two weeks.
- March 24-25—**Cardiac Disease for the Practicing Physician, Diagnosis and Management 1977—3rd Annual Symposium.** Los Angeles Heart Institute at St. Vincent Medical Center. Los Angeles. Thursday-Friday. 10 hrs. \$100. Contact: Irma

- Larsen, RN, L.A. Heart Institute, 123 S. Alvarado St., Los Angeles 90057. (213) 413-5220.
- March 28-April 1—**Consultant's Course in Dermatology.** UCSF. Monday-Friday.
- March 30—**Cardiac Care in Your Office.** American Heart Assn., Central Valley Chapter, at Sheraton Inn, Fresno. Wednesday. 6½ hrs. \$35. Contact: Norman Sharrer, MD, 3835 N. West Ave., Fresno 93705.
- April 4-13—**Cardiology for the Consultant: A Clinician's Retreat.** American College of Cardiology at Rancho Santa Fe. 10 days. Contact: Mary Ann McInerney, Dir., Dept. of Cont. Ed. Programs, ACC, 9650 Rockville Pike, Bethesda, MD 20014.
- April 6—**Current Concepts of Hemophilia and Related Disorders.** L.A. Society of Internal Medicine at L.A. Co. Med. Assn., Los Angeles. Wednesday. Contact: Jerry Koplowitz, MD, 5410 Wilshire Blvd., Los Angeles. (213) 937-5514.
- April 6-May 25—**Current Practical Cardiology—1977.** Daniel

(Continued on Page 26)

### KEY TO ABBREVIATIONS AND SYMBOLS

#### Medical Centers and CMA Contacts for Information

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- UCLA:** University of California, Los Angeles  
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- UCSD:** University of California, San Diego  
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- UCSF:** University of California, San Francisco  
Contact: Malcolm S. M. Watts, MD, Associate Dean and Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC:** University of Southern California  
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 226-2047.

cially helpful in the diagnosis and management of patients with Crohn's disease. It is also useful in showing the presence of small bowel neoplasm like carcinoid and in showing there to be a Meckel's diverticulum.

The success of this technique is greatly dependent on the enthusiasm of the physician toward gastrointestinal radiology and his skill as a fluoroscopist. The routine use of this technique is a new approach for examining the small bowel and the results have been excellent in centers where it has been used. Although routine use of this technique may not be practical in the United States, use in selected patients will produce gratifying results and accurate diagnosis.

DANIEL P. LINK, MD

#### REFERENCES

- Sellink JL: Radiological Atlas of Common Diseases of the Small Bowel. Leiden, Holland, HE Steufent Kroese BV, 1976  
 Bilbao MK, Frische LH, Dotter CHT: Hypotonic duodenography. Radiology 89:438-443, Sep 1967  
 Pesquera GS: A method for the direct visualization of lesions in the small intestines. Am J Roentgenol 22:254-257, Sep 1929

## Gray Scale Ultrasonographic Differentiation of Medical and Surgical Jaundice

THE RECENT technological advances in ultrasound instrumentation including gray scale signal processing and focused transducers have led to the improved visualization of many normal structures in the high retroperitoneum and liver. Most of the important upper abdominal vasculature, all or part of the glandular elements of the pancreas, and portions of the normal biliary system can be seen in a high percentage of patients using the newer scanning techniques and commercially

available instrumentation. An immediate benefit from this improved resolution has been the accurate differentiation between surgical and medical jaundice. Although considerable experience is required to distinguish the dilated intrahepatic or extrahepatic biliary system from the upper abdominal vasculature, once learned, the differentiation between obstructive and nonobstructive jaundice can be made with greater than 95 percent accuracy. Rarely, extreme gassiness in the upper abdomen, an interposed right colon or residual barium will prevent the ultrasound examination from being diagnostic.

On the basis of these initial reports, a new diagnostic sequence has been adopted for jaundiced patients. If the degree of bilirubinemia precludes conventional oral or intravenous cholangiography, then gray scale ultrasound is the initial imaging procedure. If a normal or nondilated biliary system is shown by the ultrasound examination, then either clinical observation is instituted or a biopsy study of the liver done. When gray scale ultrasound examination shows a dilated biliary system, then the clinician has the option of either obtaining further specific diagnostic information by outlining the biliary tree with transhepatic or transjugular cholangiography or going directly to surgical exploration.

GABRIEL WILSON, MD

#### REFERENCES

- Taylor JW, Carpenter DA, McReady VR: Ultrasound and scintigraphy in the differential diagnosis of obstructive jaundice. J Clin Ultrasound 2:105-116 Jun 1974  
 Weill F, Eisenscher A, Aucant D, et al: Ultrasonic study of venous patterns in the right hypochondrium—An anatomical approach to differential diagnosis of obstructive jaundice. J Clin Ultrasound 3:23-28, Jan 1975  
 Perlmetter GS, Goldberg BB: Ultrasonic evaluation of the common bile duct. J Clin Ultrasound 4:107-111, Apr 1976

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